

MATERIAL NUMBER 1.4886 · CLASS 1.4

1.4886

Chemical composition, mechanical and physical property values, and 21 standard designations from 10 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 21 in 10 regions	PROPERTY VALUES 9 on file
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Chemical composition

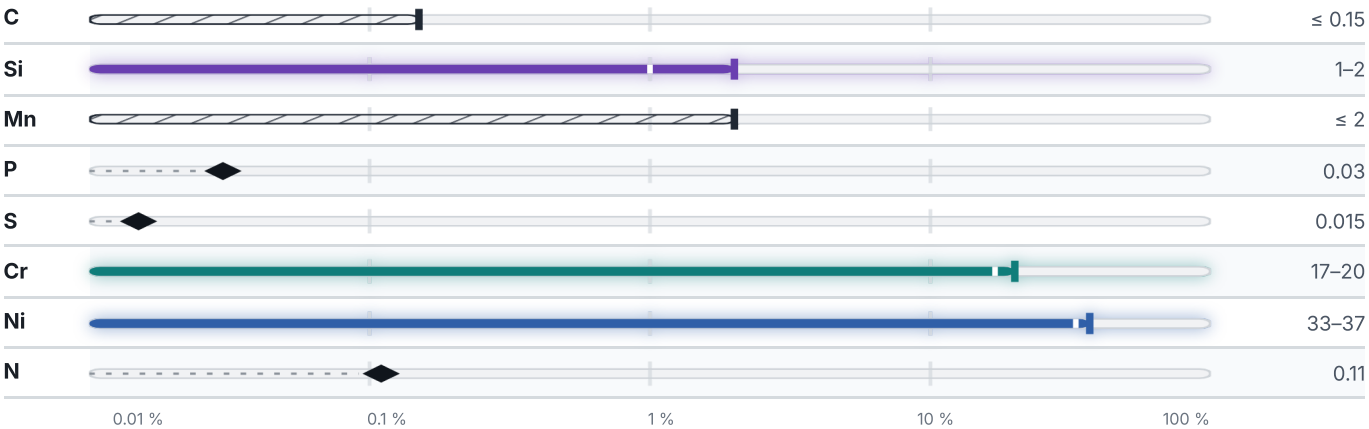
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 42.7 % ● Ni — 35 % ● Cr — 18.5 % ● Mn — 2 % ● Traces & impurities · 1.8 %

Logarithmic scale, 0.01 % to 100 % — every value here compares directly, decade by decade.



The scale is logarithmic, not the element's raw share of the alloy — the only honest way to fit 0.01 % and 100 % in one picture, and it means every value here can be compared with every other.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: Mo.

Mechanical properties

1 values across 1 conditions

SOLUTION ANNEALED	HB
Solution annealed	200

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

21 designations · 2 documented as identical

United States	12	France	1
N08330 This grade's own name	uns	Z20NCS33-16	afnor
330	aisi-sae	United States / Aerospace	1
B511	astm	5592	ams
B512	astm	Russia / CIS	1
B535	astm	XH35BT	gost
B536	astm	Czechia	1
B546	astm	17253	csn
B710	astm	Slovakia	1
B726	astm	17 253	stn
B739	astm	Poland	1
B829	astm	H16N36S2	pn
N08330	astm	Romania	1
Europe	1	12SiCrNi360	stas
X10NiCrSi35-19 This grade's own name	din-en		
United Kingdom	1		
NA17	bs		

Note on use. The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about 1.4886

Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

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ISSUED

Aug 20, 2026